Recombinant Rat DPP6 protein, His-tagged

Cat. No. DPP6-1945R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat DPP6 protein (111-859 aa) is produced by E. coli expression system. This protein is fused with a His tag at the N-terminal.
Species	Rat
Source	E.coli
ProteinLength	111-859 aa
Description	Promotes cell surface expression of the potassium channel KCND2 . Modulates the activity and gating characteristics of the potassium channel KCND2 . Has no dipeptidyl aminopeptidase activity .
Form	Tris-based buffer,50% glycerol
Molecular Mass	89.6 kDa
AA Sequence	LTPAEDTSLSQKKKVTVEDLFSEDFKIHDPEAKWISDKEFIYRERKGSVILRNVETNN STVLIEGKKIESLRAIRYEISPDKEYALFSYNVEPVYQHSHTGYYVLSKIPHGDPQSLD PPEVSNAKLQYAGWGPKGQQLIFIFENNIYYCAHVGKQAIRVVSTGKEGVIYNGLSD WLYEEEILKSHIAHWWSPDGTRLAYATINDSRVPLMELPTYTGSVYPTVKPYHYPKA GSENPSISLHVIGLNGPTHDLEMMPPDDPRMREYYITMVKWATSTKVAVTWLNRAQ NVSILTLCDATTGVCTKKHEDESEAWLHRQNEEPVFSKDGRKFFFVRAIPQGGRGK FYHITVSSSQPNSSNDNIQSITSGDWDVTEILTYDEKRNKLYFLSTEDLPRRRHLYSA NTVDDFNRQCLSCDLVENCTYVSASFSHNMDFFLLKCEGPGVPTVTVHNTTDKRR

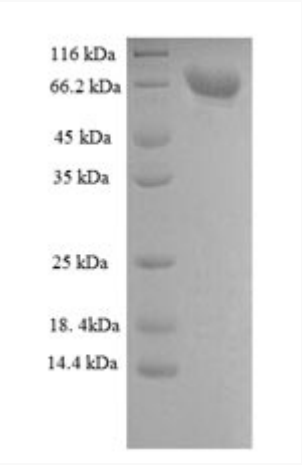
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45-1 Ramsey Road, Shirley, NY 11967, USA

	MFDLEANEQVQKAIYDRQMPKIEYRKIEVEDYSLPMQILKPATFTDTAHYPLLLVVDG TPGSQSVSERFEVTWETVLVSSHGAVVVKCDGRGSGFQGTKLLHEVRRRLGFLEE KDQMEAVRTMLKEQYIDKTRVAVFGKDYGGYLSTYILPAKGENQGQTFTCGSALSPI TDFKLYASAFSERYLGLHGLDNRAYEMTKLAHRVSALEDQQFLIIHATADEKIHFQHT AELITQLIKGKANYSLQIYPDESHYFHSVALKQHLYRSIIGFFVECFRIQDKLPTATAKE DEEED
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended.
Stability	Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

GENE INFORMATION

Gene Name	Dpp6 dipeptidylpeptidase 6 [Rattus norvegicus]
Official Symbol	DPP6
Synonyms	DPP6; DPPX; DPP VI;
Gene ID	29272
mRNA Refseq	NM_022850
Protein Refseq	NP_074041

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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